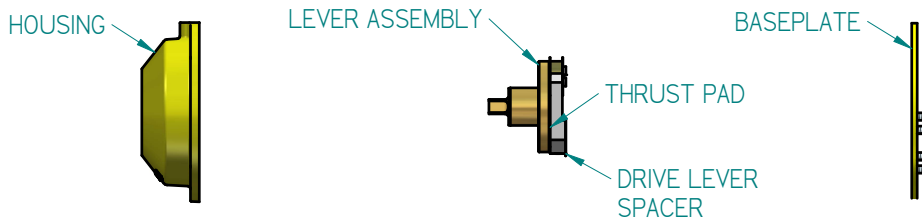


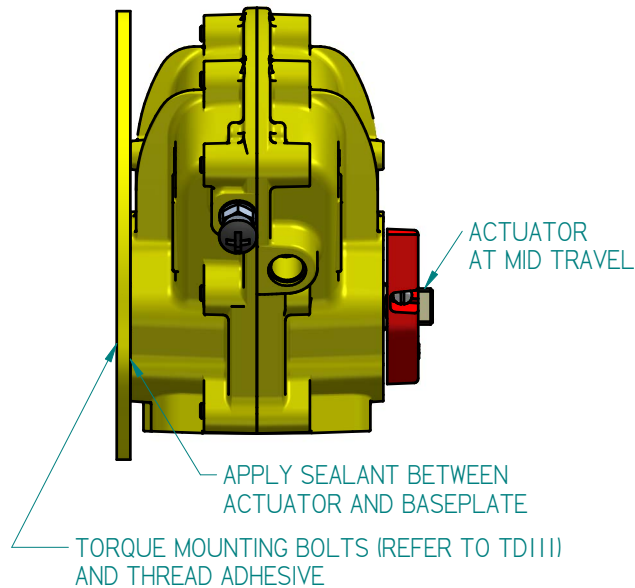


INSTALLATION: If unit has been supplied not fitted to an actuator the following steps should be followed. If fitting to a spring return actuator the same process is followed but mounted on to spring return.

1) Open 180° / 120° unit and separate unit to components below



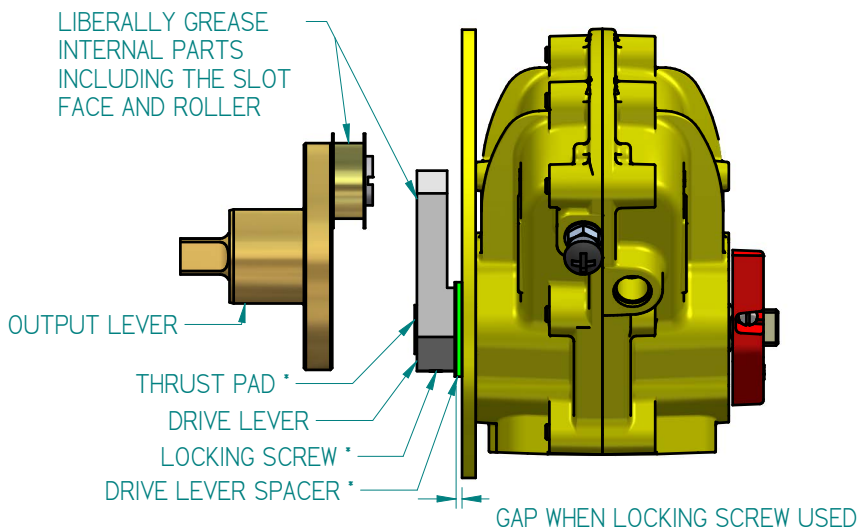
2) Seal with sealant & attach baseplate to actuator or spring return



3) Attach drive lever assembly and spacer to actuator square,

- a) If locking screw is used - push drive lever on until the thrust pad contacts both actuator square and drive lever, tighten screw to hold in position and use thread adhesive.
- b) If no locking screw is present - push drive lever and spacer fully on to actuator square.

Grease drive lever fork and roller.

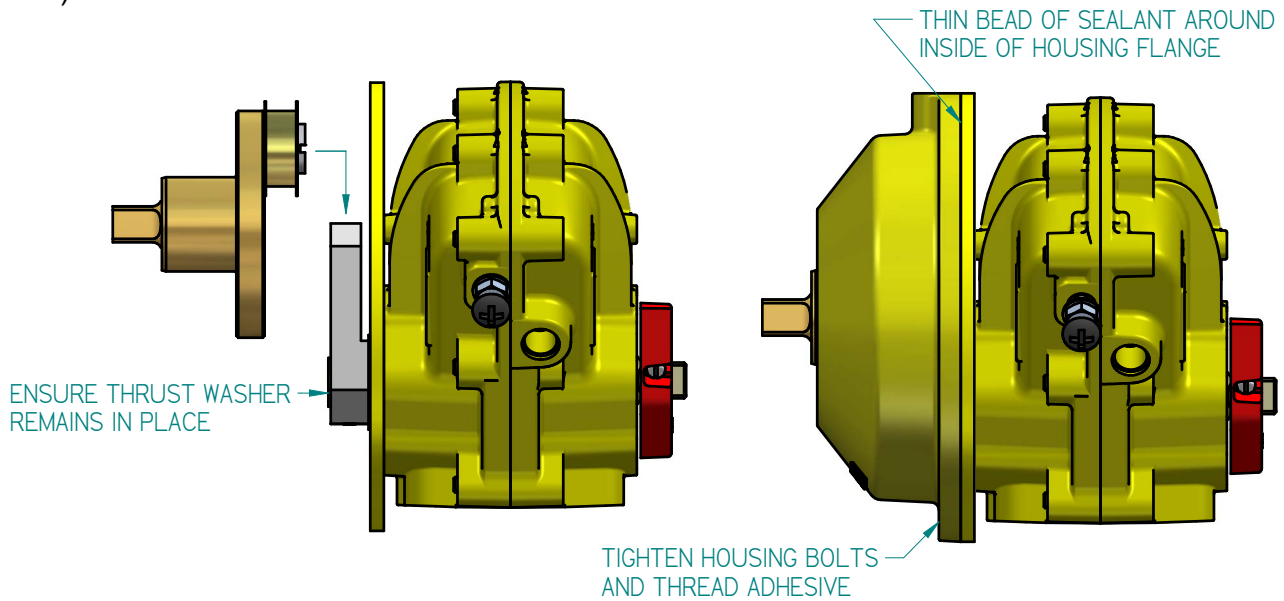


* Not all parts necessary included, model size specific.



4) Slide roller into slot




5) Seal with sealant & attach housing with bolt



Maintenance - The 180° / 120° units are maintenance free. However, if it is necessary to dismantle the unit for any reason follow the installation steps in reverse.

NOTES RELATING TO ATEX APPROVED UNITS

1) Certain versions are certified ATEX category 2. Such units are identified by a label (see below). If no such label is present, the unit is not ATEX approved

<p>KINETROL 21 ATEX 0118  II 2G Ex h IIC T5 Gb II 2D Ex h IIC T90°C Db -40°C ≤ Ta ≤ 80°C</p>	<p>KINETROL GU9 9NU, UK TYPE: XXX-XXXX Ser. No: xxxxxxxx</p>	Standard
<p>KINETROL 21 ATEX 0118  II 2G Ex h IIC T4 Gb II 2D Ex h IIC T110°C Db -20°C ≤ Ta ≤ 100°C</p>	<p>KINETROL GU9 9NU, UK TYPE: XXX-XXXX-2100 Ser. No: xxxxxxxx</p>	Viton
<p>KINETROL 21 ATEX 0118  II 2G Ex h IIC T6 Gb II 2D Ex h IIC T70°C Db -54°C ≤ Ta ≤ 60°C</p>	<p>KINETROL GU9 9NU, UK TYPE: XXX-XXXXW Ser. No: xxxxxxxx</p>	Low temperature

2) If the assembly is fitted with auxiliary modules, such as limit switch box, clear cone monitor or positioner, these modules may be certified, possibly to a different level of approval, specific to that module. Refer to the label and I.O.M. Instructions for that module.

3) Materials of construction refer to TD14.